

愛媛県・県立入試計算問題練習

301

- $(-4) \times (-8)$
- $(-\frac{1}{6}) + \frac{2}{9}$
- $2(2a - b + 3) - (a - 3b + 5)$
- $14x^2y \div (-4xy) \times 2y$
- $\sqrt{12} - \frac{9}{\sqrt{3}} + 4\sqrt{3}$
- $(x+7)(x-2) + (x+5)(x-5)$

302

- $-3 + 9$
- $1.7 \times (-3)$
- $3(3x + y) + 2(x - 2y)$
- $(9a^2 - 6a) \div 3a$
- $\frac{15}{\sqrt{5}} - (2 + \sqrt{5})(3 - \sqrt{5})$
- $(x+5)(x-5) - (x-4)^2$

303

- $(-36) \div 9$
- $\frac{1}{4} - (-\frac{2}{5})$
- $3(-a - 2b + 3) - 2(a - 3b)$
- $48x^2y \div 8y \div (-3x)$
- $(3 + \sqrt{2})(3 - \sqrt{2}) - \frac{\sqrt{32}}{\sqrt{2}}$
- $(x-2)(x+6) + (x-5)^2$

304

- $5 + (-11)$
- $(-2.5) \times 0.8$
- $2(x - 2y - 3) + 3(x + 2y - 2)$
- $6a^2b - ab \times 3a$
- $(\sqrt{3} - 2)^2 + \frac{\sqrt{15}}{\sqrt{5}}$
- $(x+7)(x-7) - (x+2)(x-4)$

305

- $-5 - 3$
- $(-6)^2 \times \frac{1}{27}$
- $3(x - 3y) + (x + 5y - 4)$
- $24ab^2 \div 8ab \times 5b$
- $\frac{6}{\sqrt{2}} + (4 + \sqrt{2})(3 - \sqrt{2})$
- $(x+4)^2 - (x-3)(x-5)$

306

- $3 - (-5)$
- $\frac{9}{10} \div (-\frac{3}{5})$
- $(x + 3y - 4) - 2(3x - 2y - 1)$
- $(20a^2 + 4ab) \div 4a$
- $\sqrt{3}(\sqrt{6} + \sqrt{3}) - \frac{10}{\sqrt{2}}$
- $(x+5)(x-5) + (x+4)(x+1)$

307

- $(-28) \div (-7)$
- $\frac{3}{4} - \frac{5}{6}$
- $3(-a + 2b - 3) - (3a + 5b - 6)$
- $16ab - 8ab^2 \div 4b$
- $\frac{12}{\sqrt{18}} - (\sqrt{2} - 2)^2$
- $(x-3)(x-5) + (x+4)(x-4)$

308

- $(-5) + (-7)$
- $0.3 \times (-0.4)$
- $3(2x - 3y + 1) - 2(x - 4y - 5)$
- $36ab^2 \div 6b \div 2ab$
- $(\sqrt{18} + 1)(\sqrt{18} + 3) - \frac{12}{\sqrt{18}}$
- $(x+2)(x-4) - (x-5)^2$

309

- $18 \div (-3)$
- $-\frac{1}{4} + \frac{5}{6}$
- $5(2x - 3y) - 3(x - 2y - 5)$
- $30a^2b \div 12a^2 \times 4ab$
- $(\sqrt{8} + 3)(\sqrt{8} - 2) + \frac{10}{\sqrt{2}}$
- $(x+4)(x+5) - (x-7)^2$

310

- $6 \times (-9)$
- $\frac{11}{15} - \frac{4}{5}$
- $4(a - 3b + 2) - 3(2a - b)$
- $(-6x^2 + 8x) \div 8x$
- $\frac{15}{\sqrt{5}} + (3 - \sqrt{5})^2$
- $(x+6)^2 - (x+2)(x-2)$

311

- $(-3) \times (-6)$
- $(-\frac{5}{6}) + \frac{3}{8}$
- $3(2a - b + 4) - (a - 5b + 3)$
- $20x^2y \div (-6xy) \times 3y$
- $\sqrt{32} - \frac{10}{\sqrt{2}} + 3\sqrt{2}$
- $(x+4)(x-5) + (x+3)(x-3)$

312

- $-4 + 7$
- $1.5 \times (-5)$
- $5(2x + y) + 2(x - 3y)$
- $(24a^2 - 8a) \div 4a$
- $\frac{12}{\sqrt{3}} - (1 + \sqrt{3})(3 - \sqrt{3})$
- $(x+6)(x-6) - (x-5)^2$

313

- $(-56) \div 8$
- $\frac{2}{5} - (-\frac{1}{3})$
- $3(-3a - 2b + 1) - 2(a - 5b)$
- $45x^2y \div 5y \div (-3x)$
- $(4 + \sqrt{5})(4 - \sqrt{5}) - \frac{\sqrt{12}}{\sqrt{3}}$
- $(x-5)(x+3) + (x-6)^2$

314

- $4 + (-9)$
- $(-1.5) \times 0.4$
- $2(x - 2y - 5) + 3(2x + y - 1)$
- $8a^2b - ab \times 2a$
- $(\sqrt{5} - 2)^2 + \frac{\sqrt{15}}{\sqrt{3}}$
- $(x+4)(x-4) - (x+2)(x-7)$

315

- $-3 - 4$
- $(-8)^2 \times \frac{1}{24}$
- $3(x - 2y) + (x + 6y - 5)$
- $32ab^2 \div 4ab \times 2b$
- $\frac{15}{\sqrt{5}} + (3 + \sqrt{5})(2 - \sqrt{5})$
- $(x+5)^2 - (x-6)(x-3)$

316

- $4 - (-5)$
- $\frac{21}{8} \div (-\frac{7}{4})$
- $(x + 5y - 7) - 2(3x - y - 2)$
- $(42a^2 + 6ab) \div 6a$
- $\sqrt{5}(\sqrt{10} + \sqrt{5}) - \frac{6}{\sqrt{2}}$
- $(x+3)(x-3) + (x+5)(x+2)$

317

- $(-42) \div (-7)$
- $\frac{1}{8} - \frac{5}{6}$
- $2(-a + 2b - 3) - (2a + 3b - 4)$
- $21ab - 12ab^2 \div 3b$
- $\frac{4}{\sqrt{8}} - (\sqrt{2} - 2)^2$
- $(x-2)(x-6) + (x+5)(x-5)$

318

- $(-4) + (-7)$
- $0.3 \times (-0.7)$
- $3(2x - 3y + 1) - 2(x - 4y - 5)$
- $36ab^2 \div 3b \div 4ab$
- $(\sqrt{12} + 2)(\sqrt{12} + 5) - \frac{18}{\sqrt{12}}$
- $(x+2)(x-5) - (x-8)^2$

319

- $24 \div (-8)$
- $-\frac{3}{4} + \frac{5}{6}$
- $4(3x - 7y) - 3(2x - 5y - 1)$
- $18a^2b \div 12a^2 \times 4ab$
- $(\sqrt{12} + 3)(\sqrt{12} - 2) + \frac{12}{\sqrt{3}}$
- $(x+2)(x+4) - (x-1)^2$

320

- $6 \times (-8)$
- $\frac{7}{15} - \frac{4}{3}$
- $5(2a - b + 3) - 3(a - 4b)$
- $(-12x^2 + 9x) \div 9x$
- $\frac{12}{\sqrt{3}} + (1 - \sqrt{3})^2$
- $(x+5)^2 - (x+3)(x-3)$